

## \$50,000 PUT IN NEEDY POCKETS BY SNOWFALL

Fetherston Gives Street  
Cleaning Jobs to 15,000

Emergency Men.

## MANY CHARITY ACTS NOTED IN STREETS

The icy layer of sleet and snow that was spread over New York to a depth of 1.7 inches yesterday caused traffic congestion and tied up surface cars in some of the outlying districts in a way that a blizzard could hardly have made worse. Trolley wires snapped under the weight of ice, elevated and surface cars were blocked for hours and passengers were marooned.

But most of this trouble was in South Brooklyn, The Bronx and Queens. In the inner sections of the city the trouble was chiefly congestion, due to the slippery going for horses.

The most serious congestion on the trolley lines was in the morning rush hours, when the number of cars operating over both the Brooklyn and Manhattan bridges was much below the normal.

One death from exposure to the storm was reported from Long Island City, where Oscar Robinson, 63, of 142 Third street, died after being taken to his home. Thirteen persons in Manhattan and three in Brooklyn were injured by falls on the icy sidewalks and there were several bad cases of frostbite.

To Commissioner of Street Cleaning Fetherston the storm was merely an aggravation. He had been wishing for a real storm that would enable him to test thoroughly this new system of snow removal, and although he turned out 15,000 emergency men and 5,000 others from his department he did it mainly to relieve traffic and to guard against the possibility of a heavier fall of snow piling up on top of the sleet.

Advised by Mayor.

Commissioner Fetherston was undecided yesterday morning whether to turn out his emergency shift. Ordinarily two inches is the depth at which the emergency men go to work and the snow inches the contractors are called in. But after considering what a real storm on top of the sleet would do and several talks with Mayor Mitchell, he decided to turn out 15,000 emergency men at 12 o'clock. They got work with the regular force about 1 P. M.

Merely incidental to the resolve to turn out these men to work was the realization of what it would do to help the unemployed situation. Eight hundred men for 15,000 men at 30 cents an hour, 10 cents if they perform all their assigned task, means a lot to them now, and it was in the minds of both the Commissioner and the Mayor, although Commissioner Fetherston denied he had any intention of mixing charity and business. But almost \$50,000 found its way into the pockets of men who needed it.

They were put to work shovelling snow into sewers, the first trial this year of what Commissioner Fetherston hopes will solve the problem of snow removal in the event of a big storm. They were given particular attention to crosswalks, gutters and car stops, where the day before persons waded over their shoes in slush. With them were 1,200 cars, and many snow plows, some of them of the automobile type.

The gangs were the surest indication that this year of the widespread winter was men of 60 and boys of 18 working side by side; scarcely any had overcoats, and the shoes of some gaped and often showed their soles. They were under them. Lame men and others so evidently weak that it seemed impossible they could swing their shovels were a common sight.

There were many little acts of charity on the part of the more fortunate passersby, when an old man or one plainly suffering from cold was seen.

Broken Wires Close Lines.

During the day the elevated and surface lines of Brooklyn ran fairly well. Most of the surface cars were a few minutes behind their schedule, due to teams on the tracks. But during the night cars were infrequent and were often stopped by wire trouble. The Culver and West End lines were stopped altogether during the night. One train got through on the Culver line yesterday morning, but it was soon tied up again.

Broken wires closed the West End line from Seventy-fourth street to Coney Island. The Brighton Beach line was also tied up at intervals. From Sheepshead Bay to Coney Island no trains ran all day yesterday, because of broken wires. Shuttle service was operated between Sheepshead Bay and Kings Highway.

Twenty-five men and women were marooned on a stalled Culver line train at Avenue J from 10:30 Monday night to 3 o'clock Tuesday morning. If a man had not hunted up a telephone and sent word to the Parkville police station, the passengers would have been there all day.

While the passengers were waiting for relief to come they woke up George Gausman, who runs a bakery at 1214 Gravesend avenue, near the train, and had him make coffee. While they were drinking it, Policeman Hough staggered in and told of trying to walk from Coney Island to the 142d precinct, where he was due at 12 o'clock. When he reached the bakery he was two hours late. A wrecking train finally reached the station and the passengers were taken off.

The tide piled up so high in the Hudson that it lapped over the Erie ferry platform in Jersey City and flooded the waiting room and a Paxonville avenue. Plank laid to the Hudson subway entrance floated away. The water rose so high in the ferry that all that Erie ferry service was discontinued until late in the afternoon.

ALL TRAFFIC TIED UP.

Nearly 100 Miles of Connecticut

Trolley Lines Paralyzed.

New London, Conn., Feb. 2.—The worst storm last night paralyzed traffic in eastern Connecticut. Nearly one hundred miles of trolley line between Central Village and Webster, Mass., and between Danielson and Providence were tied up all of yesterday. A big double truck passenger trolley car jumped the rails in Montauk avenue early today, crashed through a bridge railing and hung suspended over the New Haven railroad tracks, fifty feet below.

The barge Anne was towed into this harbor by the tug Mariel today. The Anne and another barge, Marion Chappell, were abandoned by the ocean tug Paul Jones yesterday off Montauk Point, when the towboat broke her

## COL. GOETHALS PROMISES TO HAVE CANAL ENTIRELY CLEARED BY JUNE

Sails To-day to Attack Slides  
in Culbra Cut With  
New Methods.

By JOSEPH L. C. CLARKE.

Col. Goethals sails for Panama to-day with a promise to have the canal cleaned up by June. In an exclusive interview obtained for THE SUN yesterday he made light of the slides along the nine mile Culbra cut and said that there is little cause for apprehension respecting future mishaps.

While in Washington he made arrangements with the Standard Commission for tests of a solidifying fluid, newly discovered, which is designed to turn soft earth into rock. It is planned, if the tests prove favorable, to inject this fluid into the threatening banks along the Culbra cut and thus to turn them from so much soft earth into solid walls.

The slides, if they continue, Col. Goethals says, must be dealt with as they occur. New and more powerful dredges than have heretofore been used have been ordered and will soon be digging up the slides of Gold Hill which slipped into the Culbra cut and reduced its depth from 30 to 20 feet.

Col. Goethals, sitting in an office looking out on the snowed Battery Park, looked maybe a trifle older than in the heyday of his fine supremacy in the making of the canal, but there was the erect, manly figure and the quiet, cheerful smile of "The Colonel" himself.

At the most courteous invitation had called to talk to him, or rather to hear him talk, about the bothersome "slides." Since his visit to the canal two years ago, the matter of the "slides" has been in his mind as an ever threatening danger to its navigation when the waters should be let in and the canal open to traffic. At that time he was in the Culbra slide near the Pacific side of the nine mile Culbra cut was filling the canal, and the canal excavation for half a mile with coarse red earth intermingled with rocks and trees that had come down from the hill above.

Problem at Gold Hill.

Gold Hill is a mountain on the other side nearly opposite. It had been considered safe by the geologists. It had been a matter of the "slides" had been in his mind as an ever threatening danger to its navigation when the waters should be let in and the canal open to traffic. At that time he was in the Culbra slide near the Pacific side of the nine mile Culbra cut was filling the canal, and the canal excavation for half a mile with coarse red earth intermingled with rocks and trees that had come down from the hill above.

It was a question before the water was let in what its effect would be on the slides of the excavation. The balance of engineering opinion was that it would have a sustaining effect that it would have the effect of a push against the walls. While not knowing the exact effect, Col. Goethals, however, that the dissolving effect of the water on the walls and the bottom was the factor most to be reckoned with.

Col. Goethals did not deny that possibility, but looked on it only as a remote possibility. He is no alarmist, but he can see where complete safety is attainable. He pointed out that along the whole Culbra cut, the cutting down of the banks, giving them a much wider base than they have now, was desirable and that it had been done even at a cost of some millions of dollars elicited the response:

Col. Goethals's Task.

It was admitted that along the line of the Panama railroad there were cuts whose walls were almost perpendicular, and which had not crumbled appreciably in the fifty years since its construction. In the same way it was reasonable to conclude that the banks of the canal could stand under a similar quaking or where they proved pervious to water as at Gold Hill. "There's the rub," he said.

The task in hand is, however, the work for Col. Goethals, and he sails for the Isthmus to-morrow to carry it out. He is to be in Panama by 10 o'clock morning and toward 10 o'clock the surveyor goes through and sounds for depth and lumps; that is, for masses on the bottom, missed perhaps by the dredges. He may report a clear depth

"The old Culbra slide, enormous as it is, has been taken care of by removing earth and pressure from the hill above and dredging the channel there 100 feet wider, forming a sort of bay which will take up any further slides should it occur, without endangering the canal prism itself.

On the opposite side stands Gold Hill, and it was there that he discovered the fault or crack in the earth last October—a longitudinal crack in the side of the hill about 200 feet long. It was not slow in developing. The canal with the earth on the canal side of it began sliding into the cut. The whole ward of earth sliding earth began sliding and the canal prism filled rapidly. On account of the softness of the surface of the moving, sinking mass it was impracticable to establish a steady shot or to lay a track that would sustain a locomotive and a train of cars. There was nothing to do but dredge it as it came down.

"The mass of Gold Hill back of the fault showed, and has since shown, no movement. It was there that he discovered the fault or crack in the earth last October—a longitudinal crack in the side of the hill about 200 feet long. It was not slow in developing. The canal with the earth on the canal side of it began sliding into the cut. The whole ward of earth sliding earth began sliding and the canal prism filled rapidly. On account of the softness of the surface of the moving, sinking mass it was impracticable to establish a steady shot or to lay a track that would sustain a locomotive and a train of cars. There was nothing to do but dredge it as it came down.

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shaft. The Marion Chappell made Newport without aid.

Cloudy Again To-day, but Sun Will Shine To-morrow.

The local weather man said last night that he suspected the worst of the winter's weather is over. This day, according to the national forecaster, will resemble yesterday in being cloudy. There will be fresh north to northwest winds.

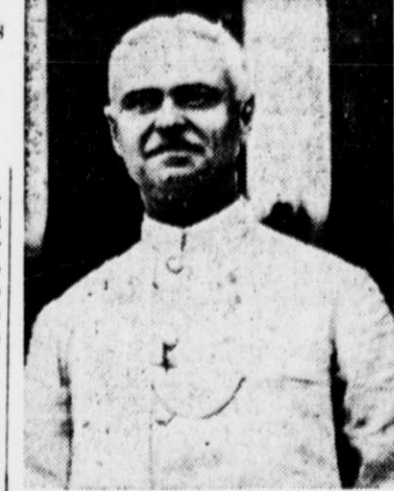
The highest temperature yesterday was 29, just after midnight, and the lowest was 22, at 11 o'clock last night. The big disturbance was driven yesterday from the Ohio Valley to the southward and northwest of it, and its energy was much diminished. Its centre was in Virginia last night. The local prospects look for a rise in temperature to-day.

Force of Wind and Wave Abates at Seabright.

SEABRIGHT, N. J., Feb. 2.—Seabright was swept again by wind and wave last night and this morning, but toward evening the force of the storm abated somewhat. Almost all the land north of here, as far as the Highlands, is under water, with waves rushing over the shore.

During the storm the 150 foot pier, built last spring to protect the fishermen's homes, was torn apart and swept to sea. Two fishermen's homes were also turned over by the waves.

No trains ran into the town all day. The freight house is expected to fall down under the pounding of the surf.



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Col. George W. Goethals.

the nine miles of the Culbra cut is there any sign of movement. I have bought additional and powerful dredges and shall use all that I can crowd into the space until the prism is wholly cleared and the full width of the 300-foot channel is available to its full depth of 40 feet. We have already removed nearly 2,000,000 cubic yards of material.

"The report that the bottom of the canal is rising on account of pressure on the bank is, I believe, wholly unfounded. The filling up over spaces already dredged is, I am convinced, wholly due to the fact that this particular soil when exposed to water saturation turns into fluid mud and moves across the canal bottom under the pressure of the descending, pushing earth behind it.

"The soil which was the cause of so much critical misgiving, has stood the test and the pressure magnificently. There was one small seepage that was exposed to water, while some of the earth—as much as would pass through a two inch pipe, but when the lake lowered a few feet even that disappeared. One amusing thing about it is to have visitors standing on the 'melting pot' and asking 'Where is it, anyway?'

Hotels and Restaurants.

**HOTEL LAURELTON**  
105-110 WEST 57TH ST.  
Just West of 7th Ave.  
A new modern fireproof hotel, with refined surroundings and beautiful furnished rooms. Restaurant in particular attractive. Moderate. Club breakfast.

**TRANSIENT RATES**  
All with Bath and Shower.  
Single Rooms, \$12.00  
Double Rooms, \$20.00  
Sitting Room and Bed Room, \$25.00  
Furnished Rooms and Apartments by the Month  
Single Rooms, \$15.00  
Double Rooms, \$25.00  
Sitting Room and Bed Room, \$30.00  
Office, Telephone, and Bath.

**HOTEL LONGACRE**  
137-143 WEST 47TH ST.  
Exclusively Bachelor.  
137-143 West 47th St.  
Shower, Bath and Kitchen.  
More like a Club.  
Phone 1740—Bryant.

**PERSIAN GARDEN**  
105-110 West 57th St.  
Nightly at 10:30. Theatricals.  
Direction of  
Baron and Baroness DE MEYER  
Exhibition Dancing by  
IDA ADAMS & NIGEL BARRIE

**"Chez" Maurice** (Formerly Palais De Danse)  
105-110 West 57th St.  
Nightly, including Sunday, 10:30 until closing.  
Maurice and Florence WALTON  
Competition Dancing Every Monday.  
Tuesdays & Fridays "Apache Night."

**CASTLES IN THE AIR** 404 4th St. Thea.  
Mr. Vernon CASTLE, Adm.  
Lighting and Music by Mr. Vernon CASTLE.  
Daily Matinee 2:30, 5:15, 7:30, 9:15.  
On Saturday, Sunday and Holidays, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30.

**One of New York's Select Hotels**  
**THE WEBSTER**  
40 West 45th Street  
NEAR FIFTH AVENUE  
PAUL L. PINKERTON, Proprietor.

**Cuchow's**  
14th Street, near Fourth Avenue

**AMUSEMENTS.**  
**ASTOR THEATRE** 44th St. Eves. 8:15.  
Lena's "The Girl in the Red Velvet Gown."  
HIT.  
With Geo. M. Cohan, Wm. Collier, 100 others.

**CANDLER ON TRIAL**  
West 42d St. Eves. 8:20, Mats. 2:30, 5:15, 7:30, 9:15.  
500 Grand Seats.  
In Exit Balcony.  
50c-75c & \$1.00.

**PARK POLYCAMY**  
COLUMBIAN CIRCLE, 26TH ST.  
To-day & Sat. Mats. 2:30, Eves. 8:20.  
LILA WHEELER  
WILCOX  
SAY.  
"One of the Largest, Most Important and Most Entertaining Shows in New York."

**LONGACRE** West 42d St. 2:30, 5:15, 7:30, 9:15.  
ROBERT H. LONGACRE  
Next Tuesday Eves. 8:20, Mats. 2:30, 5:15, 7:30, 9:15.  
INSIDE THE LINES  
A New Play by EARL DEAR BIGGERS.

**B. F. PALACE** B'way & 47th St.  
Keith's  
"The Girl in the Red Velvet Gown."  
HIT.  
With Geo. M. Cohan, Wm. Collier, 100 others.

**NAZIMOVA**  
In the latest drama "WAR REIDERS"  
Dramatic Success of the Century  
Irresistibly Vital, Truly Play, Magnificently presented, You Cannot Forget NAZIMOVA's Message to the War Lords.  
"You Die."

**ROGERS PEET COMPANY**  
Three Broadway Stores  
at at at  
Warren St. 13th St. 34th St.

**THE "why" of it!**  
Our yearly output of men's and youths' business suits exceeds one hundred and twenty thousand (120,000).

Our normal sales are 85% to 90% of this total.

The remaining 10% or 15% are swept out in a Special Sale such as that now in progress, by which we clear the decks for a complete fresh stock.

\$15—for suits, the majority of which were from \$22.00 to \$28.00.

\$20—for suits, the majority of which were from \$28.00 to \$35.00.

"We've kissed 'em good-bye."  
809 soft hats.

177 are \$3.00 hats.  
161 are \$5.00 hats.  
93 are \$4.00 hats.  
378 are \$5.00 hats.  
\$1.45 now.

Has Huge New Dredges and Fluid Which Turns Loose Earth to Rock.

of twenty-eight feet, say, move a lump or two. The dredges remove the lumps and then the whole 2,000 feet of the slide front is dragged up and over the top.

"The waiting ships are held on either side of the slide until noon, and then they are permitted to pass in the order of the slide. It may be necessary to hold a certain steamer for an extra day, but so far they are all getting through pretty regularly. At 4 P. M. passage is suspended for the day and night. Dredging is at once resumed and continues without remission.

"Everything is working well. The locks operate without a hitch. The lake has eighty-five feet of water. The trees that looked so melancholy as the rising water gained on them have nearly all disappeared. Our first trouble there was from 'floating islands.' In certain places as the waters rose they dragged up from the bottom growths of interwoven shrubs which attracted vagrant logs and trees, and these, becoming the sport of the winds, drifted hither and thither, with a fresh vegetation springing cheerfully up on them.

"We dealt summarily with them, pushing them to the spillway, and over they went. Of course they do not reap the benefit of the water, but they have given no trouble. Some marsh land has formed, but generally it may be said that we have a fine sheet of water there. Many visitors of short memory ask how clever it was of us to take advantage of the fine lake we found so nearly across the Isthmus.

"The soil which was the cause of so much critical misgiving, has stood the test and the pressure magnificently. There was one small seepage that was exposed to water, while some of the earth—as much as would pass through a two inch pipe, but when the lake lowered a few feet even that disappeared. One amusing thing about it is to have visitors standing on the 'melting pot' and asking 'Where is it, anyway?'

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**AMUSEMENTS.**  
**PUNCH & JUDY** Theatre, 49th St., East of Broadway  
DIRECTION OF CHARLES HOPKINS.

"These Punch & Judy actors know how to do things. Clever people last night made 'The Clever Ones' thoroughly amusing. Alfred Sutor's clever comedy was capital acted."—CHARLES DARTON in EVENING WORLD.

**MOST UNIQUE PLAYHOUSE IN THE WORLD**  
SMARTEST COMEDY IN TOWN.

**THE CLEVER ONES**  
By ALFRED SUTOR.  
BRILLIANT CAST

CHARLES HOPKINS  
EDWARD EMERY  
HERBERT YOST  
RUSS WHITALL  
CHARLES HAMPTON  
JOHN ROGERS

**LAUGHS IN PLENTY**  
BEAUTIFUL PRODUCTION  
EXQUISITE GOWNS

ORCHESTRA SEATS, \$2.00, \$1.50 and \$1.00.  
BOXES, seating two, three, four or six persons, \$2.50 per chair.

**HIPPODROME** B'way & 50th St.  
WINTER CIRCUS  
LAST 2 WEEKS.  
Mats. To-m. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**44TH ST. MANTLE** B'way & 44th St.  
ROBERT H. MANTLE  
To-night at 8:15.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**BOOTH CHILDREN OF EARTH** B'way & 44th St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**48TH ST. THE LAW LAND** B'way & 48th St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**SHUBERT** 48th St. B'way & 48th St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**PLAYHOUSE** 48th St. B'way & 48th St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**LYRIC** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**MANHATTAN** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**STANDARD** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**PHILHARMONIC** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**YOUNG PEOPLE** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**CHEATHAM** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**VITAPHONE** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**AMBERLIN-GRACE** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**STRAND** 42d St. B'way & 42d St.  
Mats. To-day & Sat. 2:30, 5:15, 7:30, 9:15.  
Eves. 8:20, 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30, 12:30.

**WANTS STATE ACTION**  
Elmer Ellsworth Rittenhouse, conservation commissioner of the Equitable Life Assurance Society, delivered an address before the Medical Society of the County of New York at the Academy of Medicine, 17 West Forty-third street, last night, in which he said that in the interest of common humanity and of the future of the race the State should assist in disseminating information that would reduce the great American mortality from diseases of the heart, kidneys, blood vessels and other organs.

## SEES IN EXERCISE AID TO LONG LIFE

Equitable Expert Tells Doctors of Causes of Growing Death Rate.

Dinner to Dr. and Mrs. C. H. Hall.

Friends of Dr. and Mrs. Charles H. Hall of Coney Island gave them a surprise dinner at Staudy's on Monday evening in celebration of their fifth wedding anniversary. Those present included Dr. and Mrs. H. M. Greenwald, Dr. M. D. Jones, Dr. F. Van Wart, Dr. O. Kaim, Mr. and Mrs. William Davis, Mr. and Mrs. Masse, Mrs. Rose Bar, Mrs. Slager, Miss Perim, Miss Esther Greenwald, Mr. and Mrs. Dreher and Mr. Hawkes.

A Minister to Slam at Last.  
WASHINGTON, Feb. 2.—President Wilson today selected William H. Hornbrook of Albany, Ore., as Minister to Siam.

**OXWOOD**  
Low enough in front to be comfortable  
High enough in back to be correct in style.

**RED-MAN COLLAR**  
EARL & WILSON  
MAKERS OF TROY'S BEST PRODUCT.

The causes suggested for the early breaking down of vital organs, as indicated by the records, he continued, include alcohol, tobacco and the drug habit, the alleged increase in the disease of the heart, the melting pot race, the assimilation of foreign people of the working class.

Mr. Rittenhouse said there were far more men and women deteriorating from lack of physical exercise than from an excess of it.

Intemperate and improper eating, he added, are two important influences

that are weakening the resisting power of vital organs to the strain of life.

He said that prosperity during the last forty years had placed an enormous number of thirty people in the physically inactive class, and that factories were filled with workers watching or feeding machines with only trifling muscular effort. This change, he said, has not only reached the office and the home, but even the farm, where the farmer rides a sulky